



Distributor: Mager Scientific
1100 Baker Rd.
P.O. Box 160
Dexter MI 48130-0160

Phone: (734) 426-3885

Distributor Product No.

DP-710

DP-712

Manufacturer: KJ Enterprises

Manufacturer Product No.: Blue Lube (Blue Diamond Lubricant)

Dear Customer:

In order to comply with the Hazard Communication Law which went into effect November 25, 1985, and the Globally Harmonized System (GHS) regulation update introduced by the Occupational Safety and Health Administration (OSHA) in 2012, attached is the safety data sheet pertaining to our product noted above.

Additional sheets are available upon request. Please feel free to contact us if we can be of further assistance.

Sincerely,

Mager Scientific, Inc.
Customer Service

Blue Diamond LubricantPrinting Date:
July 19, 2015**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****Product identifier**

Trade Name : Blue Diamond Lubricant

Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture : Lubricant used in conjunction with diamond polishing compounds.

Details of the supplier of the safety data sheetCompany : Mager Scientific, Inc.
1100 Baker Road
Dexter, MI 48130E-mail address : sales@magersci.comResponsible/issuing person : Safety Manager
1-734-426-3885**Emergency Telephone Number**

Emergency Telephone Number : As above or next toxicological information center

2. HAZARDS IDENTIFICATION**Classification of the substance or mixture****Physical hazards**

Flammable liquids Category 2

Health hazards

Skin corrosion/irritation Category 2

Serious eye damage/eye irritation Category 2A

Carcinogenicity Category 1A

Environmental hazards

Acute hazards to the aquatic environment Category 2

Label elements**GHS Label Elements****Pictogram****Signal Word** Danger**Hazard Statement** Highly flammable liquid and vapour.
Poison: Vapor harmful; May be fatal or cause blindness if swallowed;
Cannot be made nonpoisonous.
Highly flammable liquid and vapor.
Causes skin irritation.
Causes serious eye irritation.
May cause cancer.
Toxic to aquatic life.**Precautionary Statement****Prevention** Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep

container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. If exposed or concerned: Get medical advice/attention. Specific treatment (see this label). Take off contaminated clothing and wash before reuse. IN CASE OF FIRE: Use alcohol foam, carbon dioxide, or dry chemical to extinguish.
Storage	Close containers tightly. Store in well-ventilated place. Store locked up.
Disposal	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.
Other hazards which do not result in GHS classification	Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Hazardous Ingredients

Component	CAS-No	Weight Percent
Ethanol	64-17-5	75 - 85
Methanol	67-56-1	0 - 10
Ethyl acetate	141-78-6	0 - 5
Methyl isobutyl ketone	108-10-1	0 - 2

Non-Hazardous Ingredients

Component	CAS-No	Weight Percent
Propylene glycol	57-55-6	0 - 10

4. FIRST AID MEASURES

General advice	: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
Inhalation	: Move to fresh air. If breathing is difficult, give oxygen. Perform artificial respiration if breathing has stopped.
Skin contact	: Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Eye contact	: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
Ingestion	: Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.
Most important symptoms/effects, acute and delayed	
Symptoms:	No data available.
Indication of immediate medical attention and special treatment needed	
Treatment:	No data available.

5. FIRE FIGHTING MEASURES

General fire hazards:

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Use: Powder, alcohol-resistant foam, water in large amounts, carbon dioxide.

Unsuitable extinguishing media: No data available.

Specific hazards arising from the

chemical: No data available.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: No data available.

Special protective equipment for firefighters: No data available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions: Ensure adequate ventilation. Keep people away from and upwind of spill or leak. Refer to Section 8: Exposure Controls/Personal Protection.

Environmental precautions

Environmental precautions: Do not allow entry to drains, waterways, or soil.

Methods and materials for containment and cleaning up

Methods for cleaning up: All equipment used when handling the product must be grounded. Eliminate sources of ignition. Absorb spillage with non-combustible, absorbent material. Dike for later disposal.

Reference to other sections

Additional advice: Information regarding safe handling, see Section 7.
Information regarding personal protective measures, see Section 8.
Information regarding waste disposal, see Section 13.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling: Isolate from oxidizers, heat, sparks, electrical equipment and open flame. Provide good ventilation of working area (local exhaust ventilation if necessary). Do not ingest. Do not breathe dust/fumes/gas/mist/vapors/spray. Do not get in eyes, on skin or on clothing. Wash hands thoroughly after handling. Wear glove, aprons, and footwear impervious to this material.

Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers: Keep only in tightly sealed, original container. Keep in fireproof surroundings. Keep separate from strong oxidants, food, and feedstuffs. Keep cool. Do not store above 49°C/120°F. Store upright when not in use to prevent leaking.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits:

Chemical identity	Type	Exposure Limit Values	Source
Ethanol	STEL	1,000 ppm	US. ACGIH Threshold Limit Values (03 2013)
	REL	1,000 ppm (1,900 mg/m3)	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	1,000 ppm (1,900 mg/m3)	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	1,000 ppm (1,900 mg/m3)	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	1,000 ppm (1,900 mg/m3)	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	ST ESL	1910 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL	1880 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL	1,000 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)

	ST ESL	1,010 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	TWA PEL	1,000 ppm (1,900 mg/m3)	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
Methanol	TWA	200 ppm	US. ACGIH Threshold Limit Values (03 2013)
	STEL	250 ppm	US. ACGIH Threshold Limit Values (03 2013)
	REL	200 ppm (260 mg/m3)	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	STEL	250 ppm (325 mg/m3)	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	200 ppm (260 mg/m3)	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	200 ppm (260 mg/m3)	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	STEL	250 ppm (325 mg/m3)	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	200 ppm (260 mg/m3)	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	STEL	250 ppm (325 mg/m3)	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	ST ESL	2620 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL	2,000 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL	262 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL	200 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	Ceiling	1,000 ppm	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
	TWA PEL	200 ppm (260 mg/m3)	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
	STEL	250 ppm (325 mg/m3)	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
Ethyl acetate	TWA	400 ppm	US. ACGIH Threshold Limit Values (03 2013)
	REL	400 ppm (1,400 mg/m3)	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	400 ppm (1,400 mg/m3)	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	400 ppm (1,400 mg/m3)	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	400 ppm (1,400 mg/m3)	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	ST ESL	1,400 mg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL	1,400 mg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL	390 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL	400 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	TWA PEL	400 ppm (1,400 mg/m3)	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)

Methyl Isobutyl Ketone	TWA	20 ppm	US. ACGIH Threshold Limit Values (03 2013)
	STEL	75 ppm	US. ACGIH Threshold Limit Values (03 2013)
	REL	50 ppm (205 mg/m ³)	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	STEL	75 ppm (300 mg/m ³)	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	100 ppm (410 mg/m ³)	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	50 ppm (205 mg/m ³)	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	STEL	75 ppm (300 mg/m ³)	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	50 ppm (205 mg/m ³)	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	STEL	75 ppm (300 mg/m ³)	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	AN ESL	82 µg/m ³	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL	700 µg/m ³	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL	170 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL	20 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	TWA PEL	50 ppm (205 mg/m ³)	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
	STEL	75 ppm (300 mg/m ³)	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)

Biological Limit Values

Chemical identity	Exposure Limit values	Source
Methanol (methanol: Sampling time: End of shift.)	15 mg/l (Urine)	ACGIH BEL (03 2013)

Exposure controls

Engineering measures

Provide good ventilation of working area (local exhaust ventilation if necessary).

Personal protective equipment

Respiratory protection : Use respiratory protection in case of insufficient exhaust

Hand protection : Break through time: >10 min.
Glove thickness: > 0.4 mm
For short-term exposure (splash protection): Nitrile rubber gloves
Remarks: These types of protective gloves are offered by various manufacturers. Please note the manufacturers' detailed statements, especially about the minimum thickness and the minimum breakthrough time. Consider also the particular working conditions under which the gloves are being used.

Eye protection : Safety goggles, face-shield

Skin and body protection : Protective clothing

Hygiene measures : When using do not eat, drink or smoke. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Remove and wash contaminated clothing before reuse.

Protective measures : Avoid contact with eyes and skin. Observe the usual precautions for handling chemicals.

Environmental exposure controls

General advice : Do not allow entry to drains, water courses or soil.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance

Form : Liquid
Color : Blue
Odor : Alcohol; ketone

Safety data

Upper/lower flammability : No data available
Vapor pressure : No data available
Vapor density : No data available
pH : No data available
Relative density : No data available
Freezing point : No data available
Solubility(ies) : Miscible in all proportions in water
Initial Boiling point/Boiling range : 63 - 117 °C
Flash point : 11.7 °C
Evaporation rate : No data available
Flammability (solid, gas) : No data available
Partition coefficient: n-octanol/water : No data available
Auto-ignition temperature : 422 °C (lowest component)
Decomposition temperature : No data available
Viscosity : No data available

Other information

No further relevant information available.

10. STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under conditions of normal use.

Chemical stability

No decomposition if stored and applied as directed.

Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

Conditions to avoid

Conditions to avoid : Isolate from oxidizers, heat, sparks, electrical equipment & open flame.

Incompatible materials

Materials to avoid : Oxidants & reducing agents.

Hazardous decomposition products

Hazardous decomposition products : Carbon monoxide, carbon dioxide from burning.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Symptoms related to the physical, chemical and toxicological characteristics

Eyes : Primary irritation: redness, tearing, and blurred vision.
Skin : Primary irritation: defatting, dermatitis.
Ingestion : Can be fatal or cause blindness if swallowed. Causes irreversible nervous system damage & death. Can cause abdominal irritation, nausea, vomiting & diarrhea.
Inhalation : Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Breathing vapor can cause irritation. Acute overexposure can cause harm to kidneys, blood, nerves, liver, lungs. Repeated exposure over TLV can cause blindness.

Toxicity Data for Product

Acute oral toxicity : ATEmix (): 2,880.409775 mg/kg
Acute inhalation toxicity : No data available
Acute dermal toxicity : Not classified for acute toxicity based on available data.
Skin irritation : No data available
Eye irritation : No data available

Specified Substance(s):

Ethanol LC 50 (Mouse, 4 h): 39 mg/l LC 50 (Cat,): 85.41 mg/l 2 (reliable with restrictions) LC 50 (Rat,): 130.7 mg/l (, No) 2 (reliable with restrictions) LC 50 (Mouse,): > 38 mg/l 4 (not assignable) LC 50 (Rat,): 54.8 mg/l (, No) 2 (reliable with restrictions)

Specified Substance(s):

Methanol LC 50 (Rat, 4 h): 64,000 mg/l LC 50 (Cat, 6 h): 43.68 mg/l LC 50 (Cat, 4.5 h): 85.41 mg/l LC 50 (Rat, 6 h): 87.5 mg/l LC 50 (Rat,): > 115.9 mg/l (, No) 2 (reliable with restrictions)

Specified Substance(s):

Ethyl acetate LD 50 (Mouse, 4 h): 1,500 mg/l

Repeated dose toxicity

Product: No data available.

Skin corrosion/irritation:

Product: No data available.

Serious eye damage/eye irritation

Product: No data available.

Specified substance(s):

Methyl Isobutyl Ketone: Vapor was irritating to the eyes at 200 ppm.

Respiratory or skin sensitization

Product: No data available.

Carcinogenicity

Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

Ethanol Overall evaluation: 1. Carcinogenic to humans. Overall evaluation: 1. Carcinogenic to humans.
Methyl Isobutyl Ketone: Overall evaluation: 2B. Possibly carcinogenic to humans.

US. National Toxicology Program (NTP) Report on Carcinogens:

Ethanol Known To Be Human Carcinogen.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified

Germ cell mutagenicity**In vitro**

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

Specific target organ toxicity - single exposure

Product: No data available.

Specific target organ toxicity - single exposure

Product: No data available.

Aspiration hazard

Product: No data available.

Other effects:

No data available.

12. ECOLOGICAL INFORMATION**Ecotoxicity****Acute hazards to the aquatic environment:****Fish**

Product: No data available.

Specified Substance(s):

Ethanol	LC 50 (Fathead minnow (<i>Pimephales promelas</i>), 1 h): > 18,000 mg/l Mortality LC 50 (Zebra danio (<i>Danio rerio</i>), 2 h): > 100 mg/l Mortality LC 50 (Zebra danio (<i>Danio rerio</i>), 2 h): > 100 mg/l Mortality LC 50 (Rainbow trout, donaldson trout (<i>Oncorhynchus mykiss</i>), 4 d): 42 mg/l Mortality LC 50 (Zebra danio (<i>Danio rerio</i>), 4 h): > 100 mg/l Mortality
Methanol	LC 50 (Bluegill (<i>Lepomis macrochirus</i>), 24 h): 17,400 - 21,000 mg/l Mortality LC 50 (Rainbow trout, donaldson trout (<i>Oncorhynchus mykiss</i>), 24 h): 19,800 - 20,700 mg/l Mortality LC 50 (Fathead minnow (<i>Pimephales promelas</i>), 24 h): 29,000 - 30,500 mg/l Mortality LC 50 (Medaka, high-eyes (<i>Oryzias latipes</i>), 24 h): > 10,000 mg/l Mortality LC 50 (Medaka, high-eyes (<i>Oryzias latipes</i>), 48 h): 1,400 mg/l Mortality
Ethyl acetate	LC 50 (Indian catfish (<i>Heteropneustes fossilis</i>), 72 h): 212.94 - 237.73 mg/l Mortality LC 50 (Indian catfish (<i>Heteropneustes fossilis</i>), 96 h): 200.32 - 225.42 mg/l Mortality
Methyl Isobutyl Ketone	LC 50 (Carp (<i>Leuciscus idus melanotus</i>), 48 h): 672 mg/l Mortality LC 50 (Carp (<i>Leuciscus idus melanotus</i>), 48 h): 744 mg/l Mortality

Aquatic invertebrates

Product:	No data available.
Specified Substance(s):	
Ethanol	EC 50 (Water flea (<i>Daphnia magna</i>), 2 h): > 100 mg/l Intoxication EC 50 (Water flea (<i>Daphnia magna</i>), 4 h): > 100 mg/l Intoxication EC 50 (Water flea (<i>Daphnia magna</i>), 6 h): > 100 mg/l Intoxication EC 50 (Water flea (<i>Daphnia obtusa</i>), 24 h): 12,300 - 13,400 mg/l Intoxication EC 50 (Water flea (<i>Daphnia magna</i>), 24 h): > 1.58 mg/l Intoxication
Methanol	EC 50 (Water flea (<i>Daphnia obtusa</i>), 24 h): 22,800 - 24,400 mg/l Intoxication EC 50 (Water flea (<i>Daphnia magna</i>), 24 h): > 10,000 mg/l Intoxication EC 50 (Water flea (<i>Daphnia obtusa</i>), 48 h): 21,100 - 23,400 mg/l Intoxication EC 50 (Water flea (<i>Daphnia magna</i>), 48 h): 20,450 - 29,350 mg/l Intoxication EC 50 (Water flea (<i>Daphnia magna</i>), 48 h): > 10,000 mg/l Intoxication
Methyl Isobutyl Ketone	EC 50 (Water flea (<i>Daphnia magna</i>), 24 h): 3,682 mg/l Intoxication LC 50 (Brine shrimp (<i>Artemia salina</i>), 24 h): 1,230 mg/l Mortality LC 50 (Water flea (<i>Daphnia magna</i>), 24 h): 4,280 mg/l Mortality

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic invertebrates

Product: No data available.

Toxicity to aquatic plants

Product: No data available.

Persistence and degradability

Biodegradation

Product: No data available.

BOD/COD ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration factor (BCF)

Product: No data available.

Specified Substance(s):

Methanol Green algae (*Chlorella fusca vacuolata*), Bioconcentration factor (BCF): 28,400 (Static)

Ethyl acetate Green algae (*Chlorella fusca vacuolata*), Bioconcentration factor (BCF):

Partition coefficient n-octanol / water (log Kow)

Product: No data available.

Specified Substance(s):

Ethanol Log Kow: -0.31

Methanol Log Kow: -0.77

Ethyl acetate Log Kow: 0.73

Methyl Isobutyl Ketone Log Kow: 1.31

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

Ethanol No data available.

Methanol No data available.

Ethyl acetate No data available.
 Methyl Isobutyl Ketone No data available.

13. DISPOSAL CONSIDERATIONS

Disposal instructions: No data available.

Contaminated packaging: No data availk

Dispose of all product and contaminated containers and packaging in accordance with all applicable local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT	UN number: 1993 Proper shipping name: Flammable Liquid, N.O.S. (Ethanol Solution) Reportable Quantity (RQ): Not regulated. Marine pollutant: Not regulated. Poison Inhalation Hazard: No	Class: 3	PG: III
IATA	UN number: 1993 Proper shipping name: Flammable Liquid, N.O.S. (Ethanol Solution)	Class: 3	PG: III
IMDG	UN number: 1993 Proper shipping name: Flammable Liquid, N.O.S. (Ethanol Solution) Marine pollutant: Not regulated.	Class: 3 EMS-No: F-A, S-B	PG: III

15. REGULATORY INFORMATION

US federal regulationsUS. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

Ethanol	Reportable quantity:: 100 LB
Methanol	Reportable quantity:: 5,000 LB
Ethyl acetate	Reportable quantity:: 5,000 LB
Methyl Isobutyl Ketone	Reportable quantity:: 5,000 LB

Superfund amendments and reauthorization act of 1986 (SARA)

Hazard categories

Not listed

SARA 302 Extremely hazardous substance

None present or none present in regulated quantities.

SARA 304 Emergency release notification

Chemical identity	Reportable quantity:
Methanol	5,000 LB
Ethyl acetate	5,000 LB
Methyl Isobutyl Ketone	5,000 LB

SARA 311/312 Hazardous chemical

Chemical identity	Threshold Planning Quantity:
Ethanol	
Methanol	500LB
Ethyl acetate	500LB
Methyl Isobutyl Ketone	500LB

SARA 313 (TRI reporting)

Chemical identity	Reporting threshold for other users	Reporting threshold for manufacturing and processing
Methanol	10,000 LB	25,000 LB
Methyl Isobutyl Ketone	10,000 LB	25,000 LB

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.

US state regulations

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defectsor other reproductive harm.

Ethanol	Carcinogenic.
Ethanol	Developmental toxin.
Methanol	Developmental toxin.
Methyl Isobutyl Ketone	Carcinogenic.

US. New Jersey Worker and Community Right-to-Know Act

Ethanol Listed
Methanol Listed
Ethyl acetate Listed
Methyl Isobutyl Ketone Listed

US. Massachusetts RTK - Substance List

Ethanol Listed
Methanol Listed
Ethyl acetate Listed
Methyl Isobutyl Ketone Listed

US. Pennsylvania RTK - Hazardous Substances

Ethanol Listed
Methanol Listed
Ethyl acetate Listed
Methyl Isobutyl Ketone Listed

US. Rhode Island RTK

Ethanol Listed
Methanol Listed
Ethyl acetate Listed
Methyl Isobutyl Ketone Listed

Inventory Status:Australia AICS:

Inventory Status:Australia AICS:

Canada DSL Inventory List:

EU EINECS List:

EU ELINCS List:

Japan (ENCS) List:

EU No Longer Polymers List:

China Inv. Existing Chemical Substances:

Korea Existing Chemicals Inv. (KECI):

Canada NDSL Inventory:

Philippines PICCS:

US TSCA Inventory:

New Zealand Inventory of Chemicals:

Japan ISHL Listing:

Not in compliance with the inventory.
Not in compliance with the inventory.
Not in compliance with the inventory.
Not in compliance with the inventory.
Not in compliance with the inventory.
Not in compliance with the inventory.
Not in compliance with the inventory.
Not in compliance with the inventory.
Not in compliance with the inventory.
Not in compliance with the inventory.
On or in compliance with the inventory.
Not in compliance with the inventory.
Not in compliance with the inventory.

Safety, health and environmental regulations/legislation specific for the substance or mixture

United States : The substances in this preparation are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710)

Chemical Safety Assessment

A Chemical Safety Assessment has been carried out for the substance(s) that makes/make up this material or for the material itself.

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

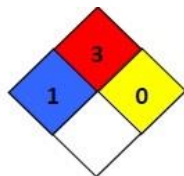
HMIS Hazard ID



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; *Chronic health effect

H - Goggles, Gloves, Protective Apron & Respirator

NFPA Hazard ID



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

Issue date: 7/18/2015
Revision date: No data available.
Version #: 1.0

Further information

Further information : Observe national and local legal requirements

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